

For Research Use Only

OPA3 Monoclonal antibody

Catalog Number: 68241-1-Ig



Basic Information

Catalog Number: 68241-1-Ig	GenBank Accession Number: BC005059	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 80207	CloneNo.: 5A3F9
Source: Mouse	Full Name: optic atrophy 3 (autosomal recessive, with chorea and spastic paraplegia)	Recommended Dilutions: WB 1:1000-1:6000
Isotype: IgG1	Calculated MW: 179 aa, 20 kDa	
Immunogen Catalog Number: AG8173	Observed MW: 20 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, K-562 cells, A431 cells, HEK-293 cells, HeLa cells
Species Specificity: Human	

Background Information

The OPA3 cDNA encodes a deduced 179-amino acid protein. Northern blot analysis demonstrated a primary transcript of approximately 5.0 kb that was ubiquitously expressed, most prominently in skeletal muscle and kidney. Mutations in this gene have been shown to result in 3-methylglutaconic aciduria type III and autosomal dominant optic atrophy and cataract.

Storage

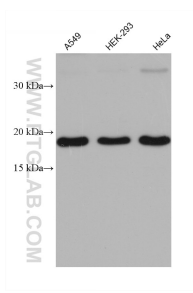
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68241-1-Ig (OPA3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.